

	Ref #	Type	Hits	Search Text	DBs
1	S1	BRS	4698	335/220-230.ccls. 251/129.15.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
2	S2	BRS	1142357	magnet coil	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
3	S3	BRS	13043	solenoid and magnet and coil	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
4	S4	BRS	365	(335/220-230.ccls. 251/129.15.ccls.) and (solenoid and magnet and coil)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
5	S5	BRS	111	335/220-230.ccls. and (solenoid and magnet and coil) and (plunger armature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
6	S6	BRS	16	"4419643".URPN.	USPAT
7	S7	BRS	5	("3381181" "3814376" "4127835" "4253493" "4306270").PN.	USPAT
8	S8	BRS	31	335/220-230.ccls. and (solenoid and magnet and coil) and (plunger armature core) and spacer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
9	S9	BRS	151	335/220-230.ccls. and (solenoid and magnet and coil) and (plunger armature core)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
10	S10	BRS	31	(335/220-230.ccls. and (solenoid and magnet and coil) and (plunger armature core)) and spacer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Ref #	Type	Hits	Search Text	DBs
11	S11	IS&R	36	((("4074157") or ("4086647") or ("RE32793") or ("4168516") or ("4407517") or ("4626860") or ("4679017") or ("4871989") or ("4922873") or ("5272458") or ("5592356") or ("6051897") or ("6265956") or ("6392516") or ("6459348") or ("6489870") or ("6498416") or ("6501357") or ("D378513"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
12	S12	BRS	9287	(nonmagnetic non-magnetic "non magnetic") and spacer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
13	S13	BRS	3127	(nonmagnetic non-magnetic "non magnetic") near2 spacer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
14	S14	BRS	785	((nonmagnetic non-magnetic "non magnetic") near2 spacer) and (solenoid actuator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
15	S15	BRS	221	((nonmagnetic non-magnetic "non magnetic") near2 spacer) same (plunger armature core)) and (solenoid actuator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
16	S16	BRS	2190	(nonmagnetic non-magnetic "non magnetic") adj spacer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
17	S17	BRS	169	((nonmagnetic non-magnetic "non magnetic") adj spacer) same (plunger armature core)) and (solenoid actuator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Ref #	Type	Hits	Search Text	DBs
18	S18	BRS	77	((nonmagnetic non-magnetic "non magnetic") adj spacer) same (plunger armature core)) and (solenoid actuator) and magnet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
19	S19	BRS	58	((nonmagnetic non-magnetic "non magnetic") adj spacer) same (plunger armature core)) and (solenoid actuator) and magnet and spring	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
20	S20	BRS	1066	((nonmagnetic non-magnetic "non magnetic") same (plunger armature core)) and (solenoid actuator) and magnet and spring	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
21	S21	BRS	3409	spring and bias and (armature plunger) and spacer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
22	S22	BRS	2037	(spring and bias and (armature plunger) and spacer) and (solenoid actuator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
23	S23	BRS	365	((spring and bias and (armature plunger) and spacer) and (solenoid actuator)) and (coil wire) and magnet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
24	S24	BRS	2004	(nonmagnetic non-magnetic "non magnetic") and (plunger armature core) and (solenoid actuator) and magnet and spring	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
25	S25	BRS	138	(plunger armature core) and (solenoid actuator) and spring and (magnet near3 (nonmagnetic non-magnetic "non magnetic"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
26	S26	BRS	1	2002-111995.NRAN.	DERWENT

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27	S27	BRS	6	("3529620" "3592438" "3726315" "3789811" "3983909" "4076045").PN.	USPAT
28	S28	BRS	2177	335/220-230.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
29	S29	BRS	106	spring and bias and (armature plunger) and 335/220-230.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
30	S30	BRS	5	("3381181" "3814376" "4127835" "4253493" "4306270").PN.	USPAT
31	S31	BRS	16	"4419643".URPN.	USPAT
32	S32	BRS	0	"2001081459".URPN.	USPAT
33	S33	BRS	5	("4489295" "4639701" "5453724" "5886605" "5912604").PN.	USPAT
34	S34	BRS	1333	spring and bias and (armature plunger) and "335"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
35	S35	BRS	453	spring and bias and (armature plunger) and coil and magnet and "335"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
36	S36	BRS	118058	nonmagnetic non-magnetic "non magnetic"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
37	S37	BRS	145	(spring and bias and (armature plunger) and coil and magnet and "335"/\$.ccls.) and (nonmagnetic non-magnetic "non magnetic")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Ref #	Type	Hits	Search Text	DBs
38	S38	IS&R	36	((("4074157") or ("4086647") or ("RE32793") or ("4168516") or ("4407517") or ("4626860") or ("4679017") or ("4871989") or ("4922873") or ("5272458") or ("5592356") or ("6051897") or ("6265956") or ("6392516") or ("6459348") or ("6489870") or ("6498416") or ("6501357") or ("D378513"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB
39	S39	BRS	2570	coil and (plunger armature) and "permanent magnet" and solenoid	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
40	S40	BRS	10011	(nonmagnetic non-magnetic "non magnetic") and spacer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
41	S41	BRS	155	S39 and S40	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
42	S42	BRS	2402	(nonmagnetic non-magnetic "non magnetic") adj spacer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
43	S43	BRS	46	S42 and S39	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
44	S44	BRS	6	("3381181" "3814376" "4127835" "4253493" "4306270").PN.	US-PGPUB; USPAT; USOCR
45	S45	BRS	16	S42 and S39 and bias and spring	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

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46	S46	BRS	42	S42 and S39 and spring	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
47	S47	BRS	853	plunger and (magnet with (repel attract))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
48	S48	BRS	16	((nonmagnetic non-magnetic "non magnetic") near2 spacer) and S47	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
49	S49	IS&R	2	("4845392").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
50	S50	IS&R	0	("JP55152895").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
51	S51	BRS	1	JP55152895	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
52	S52	BRS	2	"JP 57076804 A "	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
53	S53	BRS	9	("4489295" "4639701" "5453724" "5886605" "5912604").PN. OR ("6218921").URPN.	US-PGPUB; USPAT; USOCR
54	S54	BRS	2404	(solenoid and magnet and coil) and ((plunger armature) with magnet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Ref #	Type	Hits	Search Text	DBs
55	S55	BRS	4210	(actuator solenoid) and magnet and coil and ((plunger armature) with magnet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
56	S56	BRS	4981	335/220-230.ccls. 251/129.15.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
57	S57	BRS	294	S55 and S56	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
58	S58	BRS	21	S57 and repel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
59	S59	BRS	10	("3243238" "4129187" "5434549" "5809157" "5818131" "5820104").PN. OR ("6040752").URPN.	US-PGPUB; USPAT; USOCR
60	S60	BRS	131	S55 and repel and spring	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
61	S61	BRS	36	("2915681" "3142784" "3218523" "3484729" "3504315" "3859547" "3886507" "4122420" "4150348" "4259653" "4316167" "4494098" "4533890" "4782315" "4795994").PN. OR ("5272458").URPN.	US-PGPUB; USPAT; USOCR
62	S62	BRS	13	("3504315").URPN.	USPAT
63	S63	BRS	1	"6244298"	USPAT
64	S64	IS&R	1375	(335/177-179,234,266).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

	Ref #	Type	Hits	Search Text	DBs
65	S65	BRS	1621	repel same attract same magnet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
66	S67	BRS	11	S64 and S65	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
67	S68	BRS	7029	repel\$4 attract\$4 magnet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
68	S69	BRS	50	S64 and S68	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
69	S70	BRS	25	("2632072" "2896132" "3198995" "3218523" "3530454").PN. OR ("3914723").URPN.	US-PGPUB; USPAT; USOCR
70	S71	BRS	2251	(repul\$4 repel\$4) attract\$4 magnet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
71	S72	BRS	180	S71 and (solenoid actuator)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
72	S73	BRS	0	("2005/0024174").URPN.	USPAT
73	S74	BRS	13	("4689538" "4853630" "4928028" "5168221" "5281899" "5825308" "6002184").PN. OR ("6147422").URPN.	US-PGPUB; USPAT; USOCR
74	S75	BRS	22	("4689538" "4853630" "4928028" "5168221" "5825308").PN. OR ("6002184").URPN.	US-PGPUB; USPAT; USOCR

	Ref #	Type	Hits	Search Text	DBs
75	S76	BRS	10	("4689538" "4853630" "4928028" "5168221" "5281899" "5825308" "6002184").PN. OR ("6307285").URPN.	US-PGPUB; USPAT; USOCR
76	S77	BRS	299	(plunger armature core) and (solenoid actuator) and S71 and spring	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
77	S78	IS&R	110307	((("335") or ("251"))).CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
78	S79	BRS	85	S78 and (solenoid actuator) and S71 and spring	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
79	S80	BRS	1096	S78 and (solenoid actuator) and coil and "permanent magnet" and spring	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
80	S81	BRS	0	("2005/0178989").URPN.	USPAT
81	S82	BRS	20	("20020008601" "20020149456" "3088081" "3274522" "3689854" "4243899" "4490701" "4604599" "4747010" "4851801" "4855699" "5075656" "5281936" "5652558" "5724014" "6040752" "6133812" "6590483").PN. OR ("6870454").URPN.	US-PGPUB; USPAT; USOCR
82	S83	BRS	9	("20020149456" "3103603" "3683239" "3806850" "4046244" "4679017" "6009615" "6788177").PN. OR ("6856221").URPN.	US-PGPUB; USPAT; USOCR

	Ref #	Type	Hits	Search Text	DBs
83	S84	BRS	22	("2575360" "2667237" "3108777" "3326511" "3329165" "4048602" "4083698" "4090112" "4306207" "4419643" "4422060" "4639704" "4831291" "5246199" "5268662" "5277281").PN. OR ("6242994").URPN.	US-PGPUB; USPAT; USOCR
84	S85	BRS	9	("4489295" "4639701" "5453724" "5886605" "5912604").PN. OR ("6218921").URPN.	US-PGPUB; USPAT; USOCR
85	S86	BRS	19	("3505628" "3775714" "4240055").PN. OR ("4306207").URPN.	US-PGPUB; USPAT; USOCR